

Cordell Bank National Marine Sanctuary

**Agenda
Cordell Bank National Marine Sanctuary
Advisory Council
Point Reyes National Seashore Association
September 4th, 2008**

**SANCTUARY ADVISORY
COUNCIL**

MEMBERS:

Edmund Smith
Research

Lance Morgan
Conservation

Chuck Wise
Maritime Activity

Susan Anderson
Community-at-Large Sonoma

Education

George Clyde
Community-at-Large Marin

Jaime Jahnce
Research Alternate

Todd Steiner
Conservation Alternate

Josh Churchman
Maritime Activity Alternate

Brian Mulvey
Community-at-Large Sonoma Alternate

Bill McMillon
Education Alternate

Liza Crosse
Community-at-Large Marin Alternate

Time

Topics and Objectives

9:00-9:15

**Welcome, Roll Call,
Review Agenda**
– Lance Morgan

9:15-9:30

Review May 22nd Minutes
– Lance Morgan

9:30-9:40

Public Comment

9:40-10:15

Manager's Report
– Dan Howard

10:15-10:25

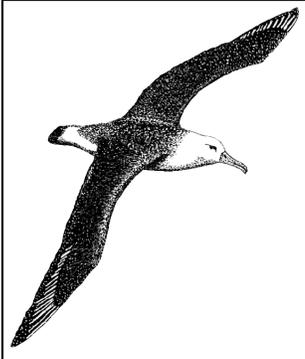
Education Report
– Jennifer Stock

10:25-10:35

Research Report
– Lisa Etherington

10:35-11:00

**Marine Debris Cruise Presentation
and Questions**
– Lisa Etherington



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11:00 – 11:10

Break

11:10-11:40

Council Member Reports

– Lance Morgan

11:40-12:00

SIMoN Website Demonstration

– Lisa Etherington

12:00-12:10

Questions for Lisa

12:10 – 12:30

Topics for October Retreat

- Dan Howard

12:30-1:00

Lunch

1:00-1:30

H.R. 1187 Update and Discussion

– Dan Howard, Tom Roth

1:30-2:00

**Reauthorization of the Sanctuaries
Act Update and Discussion**

– Tom Roth, Lynn Woolsey’s Aide

2:00-3:00

**Shipping Issues for Cordell Bank
NMS**

– Lance Morgan

3:00-3:45

**Discussion – National Advisory
Council**

– Dan Howard, Lance Morgan

**Cordell Bank National Marine Sanctuary
Advisory Council Meeting Minutes
September 4th, 2008**

Meeting Commenced at 9:25 a.m.

Roll call, Review Agenda – Lance Morgan

Roll -

Council Members Present:

Lance Morgan
Todd Steiner
Jaime Jahncke
George Clyde
Susan Anderson
Dayna Matthews
Brittany Steward – U.S. Coast Guard

Voting Alternates

Jaime Jahncke

Staff Present:

Rowena Forest
Dan Howard

Agenda Review

Introduction of members of the public:

Seaflow
Vic Chow – Education and IT for Bodega Marine Lab
Marine Conservation Biology International

Review Last Meeting's Minutes

Motion

Lance Morgan moved to accept 5-22-08 Cordell Bank Advisory Council (SAC) minutes as final

George Clyde seconds

All in favor

Introduction Dayna Matthews – NOAA Law Enforcement

Dayna introduced himself as the new liason between the NOAA Office of Law Enforcement (OLE) and the West Coast National Marine Sanctuary Advisory Councils. Dayna will be able to proved continuity between the NOAA OLE and the five West Coast Sanctuaries.

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Manager's Report – Dan Howard
(see attachments for full report)

Office Expansion

Final Document titled “NOAA’s Regulation of Fishing in National Marine Sanctuaries”

Governor’s Agreement on Ocean Health

Climate Change Site Scenario

Joint Management Plan

Education Report – Dan Howard for Jennifer Stock
(see attachments for full report)

Interactive kiosk stationed at Point Reyes National Seashore Bear Valley visitor Center

Ocean outreach programs in partnership with the Point Reyes National Seashore – Ocean Interpretive staff

California Coastal Cleanup Day – September 20th – 9:30 am – noon

ACES Curriculum

Oikonos albatross tagging project, in cooperation with Cordell Bank National Marine Sanctuary

Oakland Museum ocean conservation exhibit

Research Report – Lisa Etherington
(see attachments for more)

Summary of slides in powerpoint presentation:

Cold Water Corals on Cordell Bank presentation:

Distribution and habitat patterns of two coral species. – *Stylaster californicus*, *Swiftia* sp.
Seamounts and Banks

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Cordell Bank

First modern explorations of Cordell Bank

Cordell Bank Habitats

Objectives – relationship of Corals with the habitats on the Bank

Cordell Bank Quantitative Submersible Surveys

Cordell Bank Seafloor Mapping

Transect Videos Viewed for Corals

Methods

Statistics

Depth

Slope

Topographic Position Index

Substrate

Predicting Coral Presence

Species presence predicting

Conclusions

Implications

Summary of powerpoint slide presentation on Derelict Gear removal project:

Derelict Fishing Gear in Cordell Bank NMS: Removal Protocol Development and
Removal Feasibility Assessment:

Overview of project

Objective and techniques

Plan

Map of derelict gear type surveyed

Pool Test – Bodega Marine Lab – ROV functions

Day One Field Trials

Day Two Field Trials

Shark Observations – Salmon Shark, Six Gill Shark

Albatross Observations

Gear Types

Biological Specimens

Education and Outreach

Advisory Council Member Reports – Lance Morgan

George Clyde –

Gulf of the Farallones National Marine Sanctuary – Tomales Bay moored vessel plan

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Cordell Bank Advisory Council Awards Program – George presented a proposal to the Advisory Council to adopt an annual awards program to recognize worthy recipients and increase site visibility.

Susan and Lance provided comment regarding the awards program: partnering with the new Friends of Cordell Bank NMS foundation, and providing the awards/recognition to individuals and projects that will greatly benefit from the recognition. Lance proposed SAC members bring proposed nominees for CB SAC awards to the table at the October 16th retreat.

Motion

To move forward the Awards Program with the minor changes mentioned today

Lance motioned

Jaime seconds

All in favor

George will forward Rowena the revised awards program outline and distribute to the SAC

Todd Steiner –

SPAWN Migration celebration September 21st at Samuel P Taylor Campgrounds
Fishing issues

Brittany Steward – U.S. Coast Guard Sanctuaries Liason

Protected Living Marine Resources Program (LMRP)

LMRP Document – updated and revised. Outlines USCG District 11 priorities in relation to the LMRP.

Dan mentioned that Rockfish Conservation Areas (RCA) should be included in the document. Brittany addressed this, and the incorporation of the RCA's in the document/program, as well as partnerships between the Coast Guard and agencies. Public release has yet to be determined.

Susan Anderson – Increase in base funding for Cordell Bank NMS in relation to the Sanctuary Expansion bill. Susan brought this subject to the SAC, with the thought of the council approaching this subject, and future lobbying to support an increase in the base funding for CBNMS. Dan Howard noted that SAC members can lobby congress as individual citizens, but not as Cordell Bank Advisory Council members.

Lance Morgan –

Marine Life Protection Act (MLPA) update – Fish and Game will meet in Santa Rosa October 2nd to decide on adoption of the proposed integrated preferred alternative plan for the CA State Marine Protected Area.

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Marine Conservation Biology Institute (MCBI) working on ocean acidification journal.
MCBI workshop in Washinton DC to address ocean acidification with NGO's and
government

Three new large marine conservation areas being proposed – for further information:
The Whitehouse Council on Environmental Quality – oceans.ceq.gov
Marine Conservation Biology Institute – mcbi.org

SIMoN Website – Lisa Etherington

Sanctuary Integrated Monitoring Network

Develop a database to track current and historic monitoring programs

Integrate existing monitoring programs conducted in the Sanctuary

Initiate basic surveys

For the general public, as well as for scientists and resource managers to access scientific
monitoring within the Sanctuaries

Included Monterey Bay, Gulf of the Farallones, and Cordell Bank National Marine
Sanctuaries

Lisa walked the Council through some of the SIMoN website pages live, including the
Cordell Bank-specific pages.

<http://www.sanctuariesimon.org>

Dan encouraged the Council to direct constituents to the SIMoN website, in addition to
the Cordell Bank website, for information on the activities of the Sanctuary.

Lunch 12:45-1:15

HR 1187 Update – Tom Roth, Dan Howard for Megan Miller – Senator Barbara Boxer's
office

Dan presented Megan Miller's update from Senator Barbara Boxer's office regarding the
progress of HR 1187.

Tom Roth, Senior Aide to Congresswoman Lynn Woolsey, summarized the progress of
H.R. 1187 to date, including the stalling of the bill due to Congressional disagreement
over the bill's language. Tom discussed the language regarding aquaculture within the
bill, and why this affected the progress of the bill.

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Reauthorization of the Sanctuaries Act – Tom Roth, Dan Howard

Tom distributed and reviewed the draft bill before the House of Representatives – HR 6537 – to reauthorize and amend the National Marine Sanctuaries Act: The “Sanctuaries Enhancement Act of 2008”

The Council discussed changes and new language within the bill, such as increased fines and penalties for breaking Sanctuary laws and regulations.

Shipping Issues Briefing for Cordell Bank NMS – Lance Morgan

Lance introduced the broad topic of shipping issues that affect National Marine Sanctuaries, including whale strikes, vessel discharges, and acoustic disturbance.

Lance discussed sensitive habitat designations off the Washington Coast

Stellwagen Bank National Marine Sanctuary’s efforts to move shipping lanes to protect whale areas.

Channel Islands NMS efforts to study blue whale areas in and around the Sanctuary, and addressing ship strikes within these areas.

Potential Monitoring Research and research equipment

SAC Past Activities regarding shipping issues: Management Plan Review, Dr. Hildebrand presentation regarding marine acoustics research

To view the website for ship traffic in and out of San Francisco: <http://Hd-sf.com>

Future Directions for SAC:

Working group

Research

Monitoring

Potential Partners:

Gulf of the Farallones NMS, Oikonos, Seaflow, U.S. Coast Guard, other maritime organizations

The Cordell Bank Sanctuary Advisory Council (SAC) discussed potential work goals regarding shipping issues. Brittany Steward discussed ideas regarding ship vessel traffic and speed in regards to whale strikes, as well as further info on individual whale species mortality. Jaime discussed local shipping lanes and whale feeding areas.

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Brittany discussed homeland security measures for ships traveling in and out of port, regulations they must comply with, and action taken by Coast Guard when port travel schedules are not complied with. Todd Steiner would like to include other species on the list of concern for ship strikes including the leatherback turtle, and white sharks.

Lance asked for Council input as to further work on this issue by the Cordell Bank SAC: Susan Anderson noted that Council involvement in the subject of shipping should be limited to shipping at Cordell Bank NMS specifically.

Lance asked for Council members interested in sitting on a working group for this topic. Dan, Jaime, and Lance volunteered to further explore the issue. Lance will circulate more information to the Council regarding shipping issues that affect Cordell Bank NMS.

Cordell Bank will communicate with the Sanctuary Coast Guard contact in San Francisco, as well as with Gulf of the Farallones National Marine Sanctuary regarding shipping lane and vessel traffic affecting the Sanctuaries.

Discussion - National Advisory Council for the Marine Sanctuaries

– Lance Morgan, Dan Howard

Lance summarized a letter sent to all SAC Chairs regarding the formation of a National Advisory Council, and different scenarios for the formation of such a body.

Dan summarized the history and reasons NMSP headquarters is considering the formation of a National Council. Cordell Bank SAC input was requested:

George Clyde discussed the option of pulling together working groups to work on specific issues effecting the NMSP, rather than a standing Council body. And soliciting working group members from SAC's where the Sanctuaries are involved in such issues.

Brittany Steward discussed benefits of the structure of a National Council, and the value of a national interaction between sites, and benefits of a national liaison serving sites.

Susan Anderson supported the annual National Chairs Coordinators meeting to be designated as an advisory council, and that meeting being used to work through national issues. This would give the meeting more working power, as well as solve the issues of budget, travel, and time for National Council members.

Liza Crosse asked about the relationship between a National Council and the National Marine Sanctuary Foundation – and pointed out the benefits of a National Council working with the Foundation as a lobbying partner.

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Lance summarized that a Council of Chairs may be the best way to build a national body.

*Motion to adjourn – George Clyde, Lance Morgan seconds, all in favor
Meeting adjourned 3:40 p.m.*

Action Items

Motion

*Lance Morgan moved to accept 5-22-08 Cordell Bank Advisory Council (SAC) minutes
as final*

George Clyde seconds

All in favor

Motion

To move forward the Awards Program with the minor changes mentioned today

Lance motioned

Jaime seconds

All in favor

*Motion to adjourn – George Clyde, Lance Morgan seconds, all in favor
Meeting adjourned 3:40 p.m.*

Attachments

Attachment #1

Manager's Report – Dan Howard

Office Expansion – The Park is in the final stages of letting the contract with an Architecture firm for design of the office expansion. First step for us as a staff will be to prepare for our first programming meeting with the architects to talk about our needs. Any suggestions from the advisory council are welcome.

Final Document titled “NOAA’s Regulation of Fishing in National Marine Sanctuaries” has been completed. This concludes a two year process and has involved NMSP, NMFS, regional fishery councils and the tribes. This is the final version of the wiring diagram for those of you who remember struggling through that. The document is 17 pages long and has diagrams and descriptions and Rowena or I can send that out to anyone who may be interested.

Governor's Agreement – Unfortunately, Diane Windham couldn't be here to give us an update on the wave energy proposal but I had an announcement cross my desk for a workshop titled – Alternative Energy Development in the West Coast Ocean Environment. It is one day Sept 23 in Portland and is a part of the West Coast Governors' Agreement on Ocean Health. Mostly an fyi but I have an agenda here if anyone is interested in looking at it. I will try and get the proceedings if they are available.

Climate Change - And finally, the Sanctuary Program is requesting that each site develop a site scenario characterizing impacts associated with climate change. GFNMS is putting together a working group of their council to develop their site scenario and asked if we wanted to partner with them and work on the plan jointly. As of now, I think John Largier is chairing the work group and is the only council member who will be joined by researchers from the area to develop the plan. So I would like to ask our council if this is something we would like to take on and if so do we have a volunteer who would like to represent CB council on this work group for 3-4 meetings.

Attachment #2

Research Report – Lisa Etherington

Cordell Bank NMS Research Coordinator, Lisa Etherington, made several presentations to the Cordell Bank Sanctuary Advisory Council. Presentations included:

- 1) **Highlights of a recent cruise aboard R/V Fulmar to test methods of removing derelict fishing gear from deep water environments using an ROV.** Background information, objectives, cruise plan, and success of the project were presented. Photos and video were shown to illustrate the various aspects of the cruise, including a pool test with the ROV, trial and error with ROV cutting attachments, types of derelict gear encountered and removed, various animals brought up on the nets, multiple uses of live and preserved animals, and bonus wildlife observations of sharks and rare albatrosses.
- 2) **Summary of recent analyses of cold water coral-habitat relationships on Cordell Bank.** Background, objectives, results, and implications of this project were presented. Using observation data from the Delta submersible and multibeam mapping data, analyses demonstrate contrasting patterns of distribution and habitat associations for the hydrocoral *Stylaster californicus* and gorgonians (*Swiftia spp.*) and provide a framework for protecting and monitoring these sensitive species and their associated communities.
- 3) **Introduction and demonstration of the newly expanded Sanctuary Integrated Monitoring Network (SIMoN) website, with focus on the new Cordell Bank Sanctuary pages.** Highlights were presented from the new pages that summarize the natural history of the CBNMS area and the monitoring and research projects being conducted in the sanctuary. <http://sanctuarysimon.org/>

Attachment #3

Education Report – Jennifer Stock

Interactive Touch Screen Kiosk Exhibit: Awhile back Jenny applied for and received grant funds to partially fund creating content for and installing a National Marine Sanctuary kiosk at the Bear Valley VC. It is finally installed now and Jenny is still troubleshooting some of the issues that came along with it, but overall it is being well received at the VC. It includes content that visitors can pick and choose what they want to learn about in regards to both CB and GF, including some kids activities that allow them to learn about marine life offshore of Point Reyes. Its right inside the entrance to the visitor center.

Other partnering activities going on with Point Reyes NS.

Last year, Jenny applied for NMSF ocean awareness funds with Point Reyes NS and Seashore Association to work on some ocean outreach programs together. The funds pay for a staff person housed/supervised by the park that Jenny works with. This summer, it helped fund an intern that developed an ocean interpretation program that will be carried out by park interpretation staff and volunteers. The program will deliver basic ocean messages about its importance to us as humans, the ecosystem here off of Pt Reyes, the sanctuaries role, and visitors' role in helping to be better ocean stewards. The program will be piloted this fall and be brought into the overall offerings of Point Reyes National Seashore. We also are looking at developing some exhibit space out at the Lighthouse in a few years where people can learn more about the sanctuaries surrounding the pt. reyes peninsula.

Ocean Film/Lecture Series

Throughout the year, the park and sanctuary will be co-hosting ocean film nights and lecture nights to the public. Earlier this year, we had Richard Ellis speak about his new book Tuna, this fall we will be hosting: Dr. Frances Gulland from the MMC on October 20th at Dominican University and on Nov 20th, local shark guys Ron Elliot and Scot Anderson will be speaking about their experiences and showing some short films of diving at the Farallones. Should be an interesting night! The goal for this series is to raise awareness about the ocean in general, with some focus on local ecosystems. (flyer)

Sept 20th: Jenny will be hosting CA Coastal Cleanup Day at Limantour Beach, Pt Reyes, so far she has a few school groups signed up to come out, but everyone is welcome to come with their family/friends to help collect debris and data of what is being collected for this international beach cleanup effort. Volunteers can receive a \$10 discount to Far West Fest (music festival benefit for KWMR) for helping out!

Start time 9:30 am- End 12 noon

Bring snacks/layered clothing/water/sunscreen/ hat, typical beach survival tools!

ACES workshops: Animals in Curriculum Based Ecosystem Studies (a NOAA Environmental Literacy Grant funded program) is in its second year. We hosted a workshop at Stanford University in late July and had 22 educators enthusiastically

participate. On the last day we hosted a one day, on the water field experience on the R/V Fulmar for those participants and we braved the swells/wind and made it to the Farallon Islands. The teachers raved about how this experience complemented what they learned in the workshop and they loved having the opportunity to learn about on the water monitoring efforts. Jenny traveled to NY to help teach the NY workshop and worked with 15 urban teachers in NYC who will implement the ACES curriculum this year. Jenny will be visiting classrooms to help teachers with some aspect of ACES. Jenny is working with Meghan at publishing evaluation findings and presenting at conferences on the utility of this curriculum in applying ocean concepts to current standards in an engaging way. We are looking at ways to bring the workshop/curriculum to other sanctuaries in CA and nationally. We will have an online workshop geared towards teachers in states that are not near the ocean this fall.

ACES was conceived as an education program to engage teachers and students in tracking the Black-footed Albatross that were being tagged from CBNMS in the past 4 years. This year marks that last year that David Hyrenbach from Hawaii Pacific University and scientists from Oikonos Ecosystem Knowledge would be tagging from CBNMS. We hosted an albatross naming contest as way to raise awareness about the tagging effort and draw people to the website to track the birds and had a great turnout. Eight birds were successfully tagged this year, thanks to Tom Baty and his boat. You can track the birds by visiting cordellbank@noaa.gov and linking to the Oikonos website.

Jenny continues to work on the Oakland Museum exhibit project and today is at the BWET Awards Ceremony/press conference in SF.